



NR 445 Technical Advisory Group

Initial Screening Process

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Bureau of Air Management

Goal & Objectives

- To provide a simple & straightforward screen for facilities that:
 - do not emit NR 445 HAPs
 - emit HAPs below a level of concern
- Target public & private resources on more environmentally significant HAP sources
- Provide regulatory ease of compliance for facilities that do not emit or are unlikely to exceed NR 445 threshold levels
- Ensure regulatory safeguards for public health

To Map



Screening Criteria

- Business sectors unlikely to emit HAPs (SIC codes)
- Low levels of total emissions of criteria pollutants
 - total VOCs & PM emissions
- Do not meet any of three factors of concern:
 - engaged in production or combustion processes known to emit highly toxic chemicals
 - use or create highly toxic chemicals
 - located in an area where potential population exposure is high

To Map

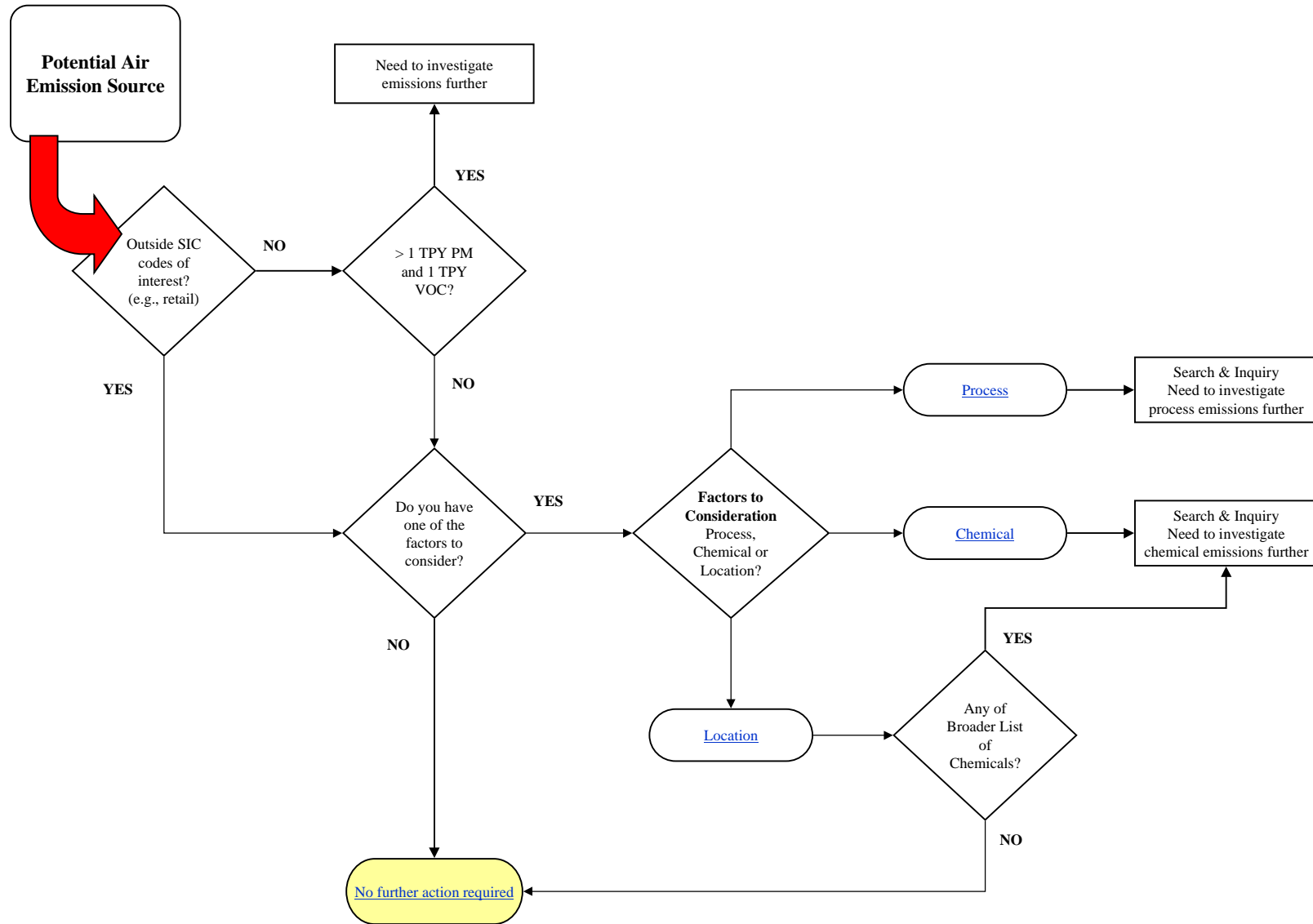


Regulatory Safeguards

- Sources need to further investigate whether their emissions exceed NR 445 regulatory standards if:
 - their total emissions exceed 1 ton of VOCs or 1 ton of PM
 - they meet any of 3 factors of concerns
 - if emissions exceed the standards, source will need to comply with the standards
- NR 445 provides the department with the authority to require a source to comply with NR 445 standards if it is found that the standards are exceeded
 - safe harbor language so that sources are not penalized retroactively if they have followed the process

To Map





Factors to Consider: Process

- Processes known to emit chemicals & compounds of concern:
 - diesel generators
 - expected sources of dioxins & PCBs
 - solid, medical & hazardous waste incinerators
 - chrome electroplaters
- May be present in business settings not usually associated with air pollution

To Map



Factors to Consider: Chemicals

- Highly potent and/or toxic chemicals expected to be present in Wisconsin
 - chemical x, y & z for example
 - does not include chemicals expected to be emitted from processes of concern
- Broader secondary list for specified locations
- Identified as a part of raw materials or waste streams

To Map



Factors to Consider: Location (examples)

- A location where potential exposure to sensitive subgroups of the population is likely. For example, locations in close proximity to:
 - health care facilities;
 - elderly housing;
 - schools.
- Emission source is less than x yards from a property line in a densely populated area.

To Map

To Initial Filtering
Presentation

